

Experience and Education

John Dewey

The great educational theorist's most concise statement of his ideas about the needs, the problems, and the possibilities of education—written after his experience with the progressive schools and in the light of the criticisms his theories received.

Traditional vs. Progressive Education

Mankind likes to think in terms of extreme opposites. It is given to formulating its beliefs in terms of *Either-Ors*, between which it recognizes no intermediate possibilities. When forced to recognize that the extremes cannot be acted upon, it is still inclined to hold that they are all right in theory but that when it comes to practical matters circumstances compel us to compromise. Educational philosophy is no exception. The history of educational theory is marked by opposition between the idea that education is development from within and that it is formation from without; that it is based upon natural endowments and that education is a process of overcoming natural inclination and substituting in its place habits acquired under external pressure.

At present, the opposition, so far as practical affairs of the school are concerned, tends to take the form of contrast between traditional and progressive education. If the underlying ideas of the former are formulated broadly, without the qualifications required for accurate statement, they are found to be about as follows: The subject-matter of education consists of bodies of information and of skills that have been worked out in the past; therefore, the chief business of the school is to transmit them to the new generation. In the past, there have also been developed standards and rules of conduct; moral training consists in forming habits of action in conformity with these rules and standards. Finally, the general pattern of school organization (by which I mean the relations of pupils to one another and to the teachers) constitutes the school a kind of institution sharply marked off from other social institutions. Call up in imagination the ordinary schoolroom, its time-schedules, schemes of classification, of

examination and promotion, of rules of order, and I think you will grasp what is meant by "pattern of organization." If then you contrast this scene with what goes on in the family, for example, you will appreciate what is meant by the school being a kind of institution sharply marked off from any other form of social organization.

The three characteristics just mentioned fix the aims and methods of instruction and discipline. The main purpose or objective is to prepare the young for future responsibilities and for success in life, by means of acquisition of the organized bodies of information and prepared forms of skill which comprehend the material of instruction. Since the subject-matter as well as standards of proper conduct are handed down from the past, the attitude of pupils must, upon the whole, be one of docility, receptivity, and obedience. Books, especially textbooks, are the chief representatives of the lore and wisdom of the past, while teachers are the organs through which pupils are brought into effective connection with the material. Teachers are the agents through which knowledge and skills are communicated and rules of conduct enforced.

I have not made this brief summary for the purpose of criticizing the underlying philosophy. The rise of what is called new education and progressive schools is of itself a product of discontent with traditional education. In effect it is a criticism of the latter. When the implied criticism is made explicit it reads somewhat as follows: The traditional scheme is, in essence, one of imposition from above and from outside. It imposes adult standards, subject-matter, and methods upon those who are only growing slowly toward maturity. The gap is so great that the required subject-matter, the methods of learning and of behaving are foreign to the existing capacities of the young. They are beyond the reach of the experience the young learners already possess. Consequently, they must be imposed; even though good teachers will use devices of art to cover up the imposition so as to relieve it of obviously brutal features.

But the gulf between the mature or adult products and the experience and abilities of the young is so wide that the very situation forbids much active participation by pupils in the development of what is taught. Theirs is to do—and learn, as it was the part of the six hundred to do and die. Learning here means acquisition of what already is incorporated in books and in the heads of the elders. Moreover, that which is taught is thought of as essentially static. It is taught as a finished product, with little regard either to the ways in which it was originally built up or to changes that will surely occur in the future. It is to a large extent the cultural product of societies that assumed the future would be much like the past, and yet it is used as educational food in a society where change is the rule, not the exception.

If one attempts to formulate the philosophy of education implicit in the practices of the new education, we may, I think, discover certain common principles amid the variety of progressive schools now existing. To imposition from above is opposed expression and cultivation of individuality; to external discipline is opposed free activity; to learning from texts and teachers, learning through experience; to acquisition of isolated skills and techniques by drill, is opposed acquisition of them as means of attaining ends which make direct vital appeal; to preparation for a more or less remote future is opposed making the most of the opportunities of present life; to static aims and materials is opposed acquaintance with a changing world.

Now, all principles by themselves are abstract. They become concrete only in the consequences which result from their application. Just because the principles set forth are so fundamental and far-reaching, everything depends upon the interpretation given them as they are put into practice in the school and the home. It is at this point that the reference made earlier to *Either-Or* philosophies becomes peculiarly pertinent. The general philosophy of the new

education may be sound, and yet the difference in abstract principles will not decide the way in which the moral and intellectual preference involved shall be worked out in practice. There is always the danger in a new movement that in rejecting the aims and methods of that which it would supplant, it may develop its principles negatively rather than positively and constructively. Then it takes its clew in practice from that which is rejected instead of from the constructive development of its own philosophy.

I take it that the fundamental unity of the newer philosophy is found in the idea that there is an intimate and necessary relation between the processes of actual experience and education. If this be true, then a positive and constructive development of its own basic idea depends upon having a correct idea of experience. Take, for example, the question of organized subject-matter—which will be discussed in some detail later. The problem for progressive education is: What is the place and meaning of subject-matter and of organization *within* experience? How does subject-matter function? Is there anything inherent in experience which tends towards progressive organization of its contents? What results follow when the materials of experience are not progressively organized? A philosophy which proceeds on the basis of rejection, of sheer opposition, will neglect these questions. It will tend to suppose that because the old education was based on ready-made organization, therefore it suffices to reject the principle of organization *in toto*, instead of striving to discover what it means and how it is to be attained on the basis of experience. We might go through all the points of difference between the new and the old education and reach similar conclusions. When external control is rejected, the problem becomes that of finding the factors of control that are inherent within experience. When external authority is rejected, it does not follow that all authority should be rejected, but rather that there is need to search for a more effective source of authority. Because the older education imposed the knowledge, methods, and the rules of conduct of the mature person upon the young, it does not follow, except upon the basis of the extreme *Either-Or* philosophy, that the knowledge and skill of the mature person has no directive value for the experience of the immature. On the contrary, basing education upon personal experience may mean more multiplied and more intimate contacts between the mature and the immature than ever existed in the traditional school, and consequently more, rather than less, guidance by others. The problem, then, is: how these contacts can be established without violating the principle of learning through personal experience. The solution of this problem requires a well thought-out philosophy of the social factors that operate in the constitution of individual experience.

What is indicated in the foregoing remarks is that the general principles of the new education do not of themselves solve any of the problems of the actual or practical conduct and management of progressive schools. Rather, they set new problems which have to be worked out on the basis of a new philosophy of experience. The problems are not even recognized, to say nothing of being solved, when it is assumed that it suffices to reject the ideas and practices of the old education and then go to the opposite extreme. Yet I am sure that you will appreciate what is meant when I say that many of the newer schools tend to make little or nothing of organized subject-matter of study; to proceed as if any form of direction and guidance by adults were an invasion of individual freedom, and as if the idea that education should be concerned with the present and future meant that acquaintance with the past has little or no role to play in education. Without pressing these defects to the point of exaggeration, they at least illustrate what is meant by a theory and practice of education which proceeds negatively or by

reaction against what has been current in education rather than by a positive and constructive development of purposes, methods, and subject-matter on the foundation of a theory of experience and its educational potentialities.

It is not too much to say that an educational philosophy which professes to be based on the idea of freedom may become as dogmatic as ever was the traditional education which is reacted against. For any theory and set of practices is dogmatic which is not based upon critical examination of its own underlying principles. Let us say that the new education emphasizes the freedom of the learner. Very well. A problem is now set. What does freedom mean and what are the conditions under which it is capable of realization? Let us say that the kind of external imposition which was so common in the traditional school limited rather than promoted the intellectual and moral development of the young. Again, very well. Recognition of this serious defect sets a problem. Just what is the role of the teacher and of books in promoting the educational development of the immature? Admit that traditional education employed as the subject-matter for study facts and ideas so bound up with the past as to give little help in dealing with the issues of the present and future. Very well. Now we have the problem of discovering the connection which actually exists *within* experience between the achievements of the past and the issues of the present. We have the problem of ascertaining how acquaintance with the past may be translated into a potent instrumentality for dealing effectively with the future. We may reject knowledge of the past as the *end* of education and thereby only emphasize its importance as a *means*. When we do that we have a problem that is new in the story of education: How shall the young become acquainted with the past in such a way that the acquaintance is a potent agent in appreciation of the living present?

Experience—The Means and Goal of Education

In what I have said I have taken for granted the soundness of the principle that education in order to accomplish its ends both for the individual learner and for society must be based upon experience—which is always the actual life-experience of some individual. I have not argued for the acceptance of this principle nor attempted to justify it. Conservatives as well as radicals in education are profoundly discontented with the present educational situation taken as a whole. There is at least this much agreement among intelligent persons of both schools of educational thought. The educational system must move one way or another, either backward to the intellectual and moral standards of a pre-scientific age or forward to ever greater utilization of scientific method in the development of the possibilities of growing, expanding experience. I have but endeavored to point out some of the conditions which must be satisfactorily fulfilled if education takes the latter course.

For I am so confident of the potentialities of education when it is treated as intelligently directed development of the possibilities inherent in ordinary experience that I do not feel it necessary to criticize here the other route nor to advance arguments in favor of taking the route of experience. The only ground for anticipating failure in taking this path resides to my mind in the danger that experience and the experimental method will not be adequately conceived. There is no discipline in the world so severe as the discipline of experience subjected to the tests of intelligent development and direction. Hence the only ground I can see for even a temporary reaction against the standards, aims, and methods of the newer education is the failure of educators who professedly adopt them to be faithful to them in practice. As I have

emphasized more than once, the road of the new education is not an easier one to follow than the old road but a more strenuous and difficult one. It will remain so until it has attained its majority and that attainment will require many years of serious co-operative work on the part of its adherents. The greatest danger that attends its future is, I believe, the idea that it is an easy way to follow, so easy that its course may be improvised, if not in an impromptu fashion, at least almost from day to day or from week to week. It is for this reason that instead of extolling its principles, I have confined myself to showing certain conditions which must be fulfilled if it is to have the successful career which by right belongs to it.

I have used frequently in what precedes the words "progressive" and "new" education. I do not wish to close, however, without recording my firm belief that the fundamental issue is not of new versus old education nor of progressive against traditional education but a question of what anything whatever must be to be worthy of the name *education*. I am not, I hope and believe, in favor of any ends or any methods simply because the name progressive may be applied to them. The basic question concerns the nature of education with no qualifying adjectives prefixed. What we want and need is education pure and simple, and we shall make surer and faster progress when we devote ourselves to finding out just what education is and what conditions have to be satisfied in order that education may be a reality and not a name or a slogan. It is for this reason alone that I have emphasized the need for a sound philosophy of experience.

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Edited by Susan F. Semel

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